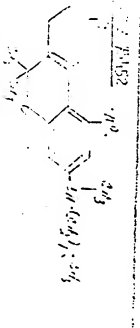
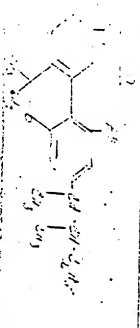
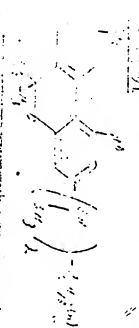
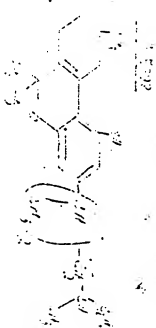
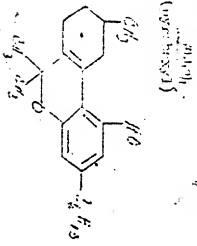
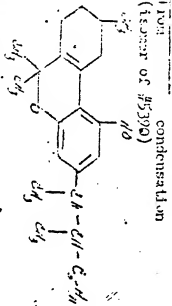
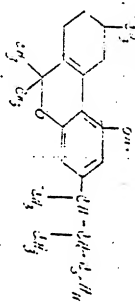


Chemical structure	mp, color, solubility, etc.	at room temp.	boiling range	other data
	100-105 m.p. 1000 m.p. 1000 m.p. 1000 m.p.	at room temp. P.O.	boiling range P.O.	other data P.O.
		200-210 m.p. 1000 m.p. 1000 m.p. 1000 m.p.	boiling range P.O.	other data P.O.
		200-210 m.p. 1000 m.p. 1000 m.p. 1000 m.p.	boiling range P.O.	other data P.O.
		200-210 m.p. 1000 m.p. 1000 m.p. 1000 m.p.	boiling range P.O.	other data P.O.

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Overall impression	Generalized response date 12.50 p.o.	Typical response date 12.50 p.o.	In patients with mild depression date 12.50 p.o.	In patients with severe depression date 12.50 p.o.
500 mg / 4 = 1200 UR= 10% Side effects very depressed, hypotonia, sl. ataxia				
50 mg/kg=37.5% UR= 0%				
50 mg/kg=37.5% UR= 25% maximum specific block= 75%				
50 mg/kg=100% UR= 12.5%				



Test dose
range P.O.

1 m/kg-sl, mod.
SMA, no anal int
10 m/kg-mod. ↓
SMA, low posture,
mod. dyspnea,
ptosis, cataplexy
100 m/kg-diminished
anal int, cataplexy
500 m/kg-atal dose

Test dose
range P.O.

5 m/kg-sl, S. E.
10 m/kg-mod. ↓
SMA, no anal int,
tolerant handling
in stance, diure-
sis
25 m/kg-met.
effects as above,
cataplexy, sl.
ptosis
250 m/kg-loss
alipical reflex,
low posture

Monkey dose
range P.O.

2.5 m/kg-1/2 no effect
5 m/kg-1/1 sl. ↓ SMA
10 m/kg-1/1 mod. ↓ SMA
appetite and hos-
tality absent, exco-
rient, mod. to mild, weak-
ness, ataxia. Duration
72 hours

Test dose
range P.O.

1 m/kg-sl, to
mod. ataxia
10 m/kg-ataxia,
suppression, pro-
traction, sl.
dyspnea

Test #10332
Dose condensation
(number of #5390)

5 m/kg-no effect
10 m/kg-mod. ↓ SMA
25 m/kg-met. ↓ SMA,
low posture, sl.
ptosis

5 m/kg-sl. ↓ SMA
25 m/kg-met. ↓ SMA,
low posture, 1/2
sl. ptosis, 1/2
mod. pt. cts

2.5 m/kg-1/1 no effect
5 m/kg-1/1 mod. ↓ SMA,
subdued behavior
10 m/kg-1/1 mod. ↓ SMA,
subdued behavior

Test #10331
Dose condensation
(number of #5390)

3.125 m/kg }
↓ no effect
200 m/kg }
100 m/kg-mod. to
mod. ↓ SMA, low pos-
ture, incr. diure-
sis

12.6 m/kg-no
effect
25 m/kg-2/2 sl. --
mod. ↓ SMA, low pos-
ture
50 m/kg-1/2 mod. ↓
SMA, low posture,
hyperreflexive to
bunch
100 m/kg-2/2 mod. ↓
SMA, hyperreflexive
to bunch, 1/2 sl.
dyspnea, cataplexy
200 2/2 mild ↓ SMA, low
posture, 1/2 stance, hyper-
reflexive to bunch. 300-500 as above

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Study and Remarks	Prophylactic antagonism P.O.	Prophylactic Potentiation P.O.	Catalytic P.O.	Anti-Inflammatory (aggravate activity)	Observations Remarks
10.2 m/kg (3.6-25.0)	25 m/kg-no protection 100 m/kg- 3/5 protected	100 m/kg=0.5	ED ₅₀ ^{0.17} m/kg (10.6-27.2)	10 or 25 m/kg = 0%	10 m/kg-P.O. at sufficient effects on foot temperature and pain threshold
29.7 m/kg (0.1-1.53)	25 m/kg=0.5 100 m/kg=3/5 protected	100 m/kg=0.5	ED ₅₀ ^{0.31} m/kg (10.2-52.1)	25 m/kg=0.5 protection	50 m/kg-no effect 1 cent effect on perianth, pain threshold, odor
500 m/kg=10% 1000 m/kg=10% or not affected					

4.000 - 5.000 Analysis
Data

MS
Hoe P.O.

Hemolysin
potentiometer
Hoe P.O.

H. P. L. Fox
SMA Micro
P.O.

Rept
(mice)
P.O.

Anti-tetanol
Hoe P.O.

ED₅₀=25 mg/kg

ED₅₀=28 mg/kg

100 mg/kg=0%

DD₅₀=20 mg/kg

ED₅₀=0.3
mg/kg

30 mg/kg=10%
protection

ED₅₀=55 mg/kg

100 mg/kg=10%
R.O.
(not at peak
effect)

100 mg/kg=0%

DD₅₀=103
mg/kg

ED₅₀=11.8 mg/kg

250 mg/kg=0%

250 mg/kg
16%

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Rept. to
at 100
/kg=10%
protection
30, 50,
100

Penicillin Potency
Rats

Conditioned Response
Rats

Tryptophan Antagonism
Rats

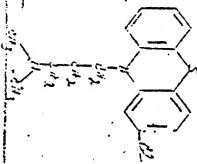
Tryptophan Potentiation
Rats

Caloric

1954-1955
1956-1957
1958-1959

50 m/kg-100%
UR-100%
maximum specific
block=75%

Anti-inflammatory Rice p.o.	Anti-inflammatory Rats p.o.	Analgesia p-Ascorbic Rats p.o.	• RES Rice p.o.	Phenobarbital Potentiation	Light Box Rice p.o.	Rare Rice p.o.	Anti-convulsant Rats p.o.
		ED ₅₀ = 36 mg/kg	250 mg/kg 20%			25 mg/kg 0.8	

Drug No. and Structure	Mouse Dose Range p.o.	Rat Dose Range p.o.	Monkey Dose Range p.o.	Dog Dose Range p.o.
Drug #3601 (Thioricline) 	5 mg/kg-sl. to mod. ↓ activity 10 mg/kg-mkd. ↓ SNA	10 mg/kg-sl. ↓ SNA 25 mg/kg-mkd. ↓ SNA	5 mg/kg-3/3 no effect 10 mg/kg-1/3 drowsy, phobias, mild cataplexy, reduced aggression	5 mg/kg-no effect 10 mg/kg-mild drowsy, phobias, decreased, body temp, mild metabolic depression

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Cardiac Preserving Rats p.o.	Conditioned Response Rats p.o.	Thyroxine Antagonism Rats p.o.	Thyroxine Potentiation Rats p.o.	Catecholamine Rats p.o.	Anti-Inflammatory Rats p.o.
ED ₅₀ 3.75 mg/kg	ED ₅₀ 12 mg/kg	ED ₅₀ 13 mg/kg		ED ₅₀ 12.5 mg/kg	2 to 10 mg/kg 100% protection

Drug	Amphetamine D-Amphetamine	NCS Mice P.O.	Phenothiazine Potentiation P.O.	Light Box Mice P.O.	Repe Mice P.O.	Latency
50 mg/kg	50 mg/kg	100 mg/kg	50 mg/kg	100 mg/kg	20 mg/kg	30 mg/kg